



Research Paper

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Studies on effect of media composition and biofertilizer inoculants on seedling growth and seedling vigour of tamarind (*Tamarindus indica* L.)

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ABSTRACT : A pot experiment was conducted to study the effect different media and biofertilizers in combination on seed germination and seedling growth of tamarind. The maximum seed germination (97.78 %), minimum number of days (7 days) taken for initiation of germination, seedling height (43.53 cm), seedling girth (2.00 cm), number of leaves (46.62), root length (46.67 cm), fresh and dry weight of shoots (23.03 g and 8.25 g, respectively), fresh and dry weight of roots (9.89 g and 5.07 g, respectively), vigour index-I (8811.01) and vigour index-II (1304.61) was recorded in treatment combination of revised potting mixture + cocopeat + *Glomus mosseae* at 150 days after sowing. While, control has recorded minimum values for all the characters except number of days taken for initiation of germination.

KEY WORDS : *Glomus mosseae*, Cocopeat and Vigour index

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